



# MUNKEN

## MUNKEN PRINT CREAM

Our aim with Munken Print Cream was to develop the ultimate book paper by combining the best properties of woodfree and wood-containing paper. Thus we have created a quality with bulk, strength, surface, readability and printability especially for book production. The result is a high quality cream shaded book paper with a feel and stiffness suited to most types of books, for colour or black and white print. Munken Print Cream comes in a wide range of bulks and grammages in sheets and reels, enabling the same quality to be used for both covers and inserts. There is also a white version: Munken Print White.

Munken Print Cream standard products are available as EU Ecolabel, FSC® – The mark of responsible forestry. [www.fsc.org](http://www.fsc.org). FSC-C020637 and PEFC™ PEFC/05-33-99 certified.



### BASIC INFORMATION

Optimized for text. Available in sheets. Available in reels

### CERTIFICATES / STATEMENTS

EU Ecolabel, ECF, ISO 14001, EMAS, Paper Profile, Safety of Toys, Food contact, FSC\_C020637, PEFC\_053399, Cradle to Cradle Certified®

### PRINTING TECHNIQUES

Offset, Flexo, Laser (black/white), Inkjet (black/white)

### SHADE

Cream

### SURFACE

Uncoated surface-sized

### MUNKEN PRINT CREAM 15

Grammage (g/m <sup>2</sup> )	70	80	90	100	115	150	300 <sup>B</sup>
Opacity (%)	87	89	91	92	94	96	100
Thickness (µm)	105	120	135	150	172	225	450
Bulk (thickness/grammage)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Whiteness (CIE)	62	62	62	62	62	62	62
Brightness (ISO 2470/D65 %)	80	80	80	80	80	80	80
Roughness (Bendtsen, ml/min)	300	300	300	300	300	300	300

Screen recommended 133-150 lpi

<sup>B</sup> Laminated paper

### MUNKEN PRINT CREAM 18

Grammage (g/m <sup>2</sup> )	70	80	90	100	115	150 <sup>D</sup>
Opacity (%)	87	89	91	92	94	96
Thickness (µm)	124	144	162	180	209	270
Bulk (thickness/grammage)	1.8	1.8	1.8	1.8	1.8	1.8
Whiteness (CIE)	62	62	62	62	62	62
Brightness (ISO 2470/D65 %)	80	80	80	80	80	80
Roughness (Bendtsen, ml/min)	500	500	500	500	500	500

Screen recommended 133-150 lpi

<sup>D</sup> Not standard production. Min. 10 tonnes and paper machine trim needed.

**MUNKEN PRINT CREAM 20**

<b>Grammage (g/m<sup>2</sup>)</b>	<b>70D</b>	<b>80</b>	<b>90</b>	<b>100</b>
Opacity (%)	87	89	91	92
Thickness (µm)	140	160	180	200
Bulk (thickness/grammage)	2.0	2.0	2.0	2.0
Whiteness (CIE)	62	62	62	62
Brightness (ISO 2470/D65 %)	80	80	80	80
Roughness (Bendtsen, ml/min)	1200	1200	1200	1200

Screen recommended 85-133 lpi

<sup>D</sup> Not standard production. Min. 10 tonnes and paper machine trim needed.

Values are targets only and can be subject to changes over time without prior notice. You will find the latest technical information and other technical recommendations about our products at [arcticpaper.com](http://arcticpaper.com)